BRUHAT BANGALORE MAHANAGARA PALIKE

De-setting and Re-settingof drain and re asphalting of roads to Chikkasandra Area in Ward No 12 Shettyhalli Sub Division

JOB Code:- 012-18-000018 — Est Cost 100.00 Lakhs

Sl No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
1	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (PWD SR 2018-19 P.No: 143, I.No.: 19.2)								
	Mp Lay out Cross Road-1	Cum	1	102.00	5.00	0.35	178.50		
	Cross Road 2		1	97.00	5.00	0.35	169.75		
	Cross Road 3		1	141.00	5.00	0.35	246.75		
	Cross Road 4		1	152.00	5.00	0.35	266.00		
	Sub Cross Road 4		1	65.00	4.00	0.35	91.00		
	Back Railway parllel Road		1	430.00	6.00	0.35	903.00		
	Cross Road--		3	138.15	4.25	0.35	616.49		
							2471.49	**189.74**	**468941.00**
	Basic Rate	179.00							
	Add 6% Area weightage	10.74							
	Total	**189.74**							
2	**Lead and Lift charges for** Exvated Earth including loading and unloading complete as per specifications.								
		Cum	Qty vide Item No 1+6				2471.49		
	P-142,I-17.4 (2.00 x 1.28 x 5 Kmls)	12.80					**2471.49**	**73.99**	**182861.00**
	P-142,I-17.1 (Loading and unloading)	57.00							
		69.80							
	Add 6% Area weightage	4.19							
	Total	**73.99**							
3	KSRRB 300-58. **Compaction of original ground** by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (PWD SR 2018-19 P.No: 147, I.No.: 19.64)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parllel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
							7061.41	**6.36**	**44911.00**
	Basic Rate	6.00							
	Add 6% Area weightage	0.36							
	Total	**6.36**							

Sl No	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
4	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (PWD SR 2018-19 P.No: 155, I.No.: 20.18)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.20	102.00		
	Cross Road 2		1	97.00	5.00	0.20	97.00		
	Cross Road 3		1	141.00	5.00	0.20	141.00		
	Cross Road 4		1	152.00	5.00	0.20	152.00		
	Sub Cross Road 4		1	65.00	4.00	0.20	52.00		
	Back Railway parllel Road		1	430.00	6.00	0.20	516.00		
	Cross Road--		3	138.15	4.25	0.20	352.28		
							1412.28	**2001.28**	**2826373.00**
	Basic Rate	1888.00							
	Add 6% Area weightage	113.28							
	Total	**2001.28**							
5	KSRRB M500- 4 Providing and applying **primer coat** for surfaces of medium porosity like cement stabilized soil base @ 0.90kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour, HOM of machineries complete as per specifications.. MORTH Chapter 501 of MORTH V revision (PWD SR 2018-19 P.No: 158, I.No.: 21.5)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parllel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
							7061.41	**43.46**	**306889.00**
	Basic Rate	41.00			44				
	Add 6% Area weightage	2.46			4.4				
	Total	**43.46**			48.44				
6	KSRRB 500-11. Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-1 (50 mm to 75mm) with 3.3 % VG-30 Bitumen (PWD SR 2018-19 P.No: 159, I.No.: 21.11.2)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.05	25.50		
	Cross Road 2		1	97.00	5.00	0.05	24.25		
	Cross Road 3		1	141.00	5.00	0.05	35.25		
	Cross Road 4		1	152.00	5.00	0.05	38.00		
	Sub Cross Road 4		1	65.00	4.00	0.05	13.00		
	Back Railway parllel Road		1	430.00	6.00	0.05	129.00		
	Cross Road--		3	138.15	4.25	0.05	88.07		
							353.07	**7291.74**	**2574499.00**
	Basic Rate	6879.00							

	Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
	Add 6% Area weightage	412.74						66	7487
	Total	**7291.74**						5.6A	748.7
									8235.7
	KSRRB M500- 4 Providing and applying **primer coat** for surfaces of medium porosity like cement stabilized soil base @ 0.90kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour, HOM of machineries complete as per specifications.. MORTH Chapter 501 of MORTH V revision (PWD SR 2018-19 P.No: 158, I.No.: 21.5)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00		510.00		
	Cross Road 2		1	97.00	5.00		485.00		
	Cross Road 3		1	141.00	5.00		705.00		
	Cross Road 4		1	152.00	5.00		760.00		
	Sub Cross Road 4		1	65.00	4.00		260.00		
	Back Railway parllel Road		1	430.00	6.00		2580.00		
	Cross Road--		3	138.15	4.25		1761.41		
							7061.41	**43.46**	**306889.00**
	Basic Rate	41.00			44				
	Add 6% Area weightage	2.46			4.4				
	Total	**43.46**			48.4				
8	KSRRB M500-18. Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen (PWD SR 2018-19 P.No: 160, I.No.: 21.20.2)								
	Mp Lay out Cross Road-1	Sqm	1	102.00	5.00	0.025	12.75		
	Cross Road 2		1	97.00	5.00	0.025	12.13		
	Cross Road 3		1	141.00	5.00	0.025	17.63		
	Cross Road 4		1	152.00	5.00	0.025	19.00		
	Sub Cross Road 4		1	65.00	4.00	0.025	6.50		
	Back Railway parllel Road		1	430.00	6.00	0.025	64.50		
	Cross Road--		3	138.15	4.25	0.025	44.04		
							176.54	**9393.72**	**1658323.00**
	Basic Rate	8862.00		70	9867				
	Add 6% Area weightage	531.72		5.12	986.7				
	Total	**9393.72**			(A) 10,853.7				
9	KSRRB M800-13.**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (PWD SR 2018-19 P.No: 182, I.No.: 24.5)								
	Mp Lay out Cross Road-1	2	1	102.00	0.15		30.60		
	Cross Road 2	2	1	97.00	0.15		29.10		
	Cross Road 3	2	1	141.00	0.15		42.30		
	Cross Road 4	2	1	152.00	0.15		45.60		
	Sub Cross Road 4	2	1	65.00	0.15		19.50		
	Back Railway parllel Road	2	1	430.00	0.15		129.00		
	Cross Road--	2	3	138.15	0.15		124.34		
		Sqm		94	478		**389.84**	**454.74**	**177274.00**
	Basic Rate	429.00		8.15	47.8				
	Add 6% Area weightage	25.74			526.8				

Description	Unit	No	Length	Width	Depth	Qty	Rate	
Total	454.74							8546960.00
							SUB TOTAL	1025635.20
							GST 12%	427348.00
							Add Tender Primium charges @ 5%	56.80
							Micelleneous and rounding off	10000000.00
							TOTAL	

ದೃಢೀಕರಣ

1. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳ ಅಭಿವೃದ್ಧಿ ಈ ಹಿಂದೆ ಯಾವುದೇ ಅನುದಾನದಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವುದಿಲ್ಲ. ಹಾಗೂ ಪುನರಾವರ್ತನೆಯಾಗಿರುವುದಿಲ್ಲ ಎಂದು ದೃಢೀಕರಿಸಿದೆ.
2. ಸದರಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳು DLP ಅವಧಿಯಲ್ಲಿರುವ ರಸ್ತೆಗಳಲ್ಲಿ ಸೇರಿರುವುದಿಲ್ಲ.
3. ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ ಎಸ್.ಆರ್–2018–19ನೇ ಸಾಲಿನ ದರಗಳನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ ಹಾಗೂ Approved Data Rate ಅನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ.
4. ಸದರಿ ಕಾಮಗಾರಿಯಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವ ರಸ್ತೆಗಳ ಅಭಿವೃದ್ಧಿಯು ತುಂಬಾ ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ.
5. ಎಲ್ಲಾ ರಸ್ತೆಗಳು ಬಿಬಿಎಂಪಿಯ ಸರಹದ್ದಿನಲ್ಲಿರುತ್ತದೆ.

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shetty Halli Sub Division

Executive Engineer
Dasarahalli Division

ADMINISTRATIVELY SANCTIONED FOR
(Rupees) One Crore
Under the Head of Account P-0190
Works Sanctioned by Hon Mayor
Registered as no 97/2022
to conditions contained in Enclosed Memo
No EE/DD/AS 97/2022 Dt. 13/01/22
JE/AE (DASARAHALLI)

Technically Sanctioned for Rs. 100.00 lakhs
Rs. in words Rs. Hundred lakhs only
Under P-0190
Job Code No. 012-18-000018
Registered as CF No. 49/21-22
to conditions contained in Enclosed Memo
No. CE/D2/TS/49/2021-22 Dt. 14/01/2022
AEE/JE: TA CE(D)